

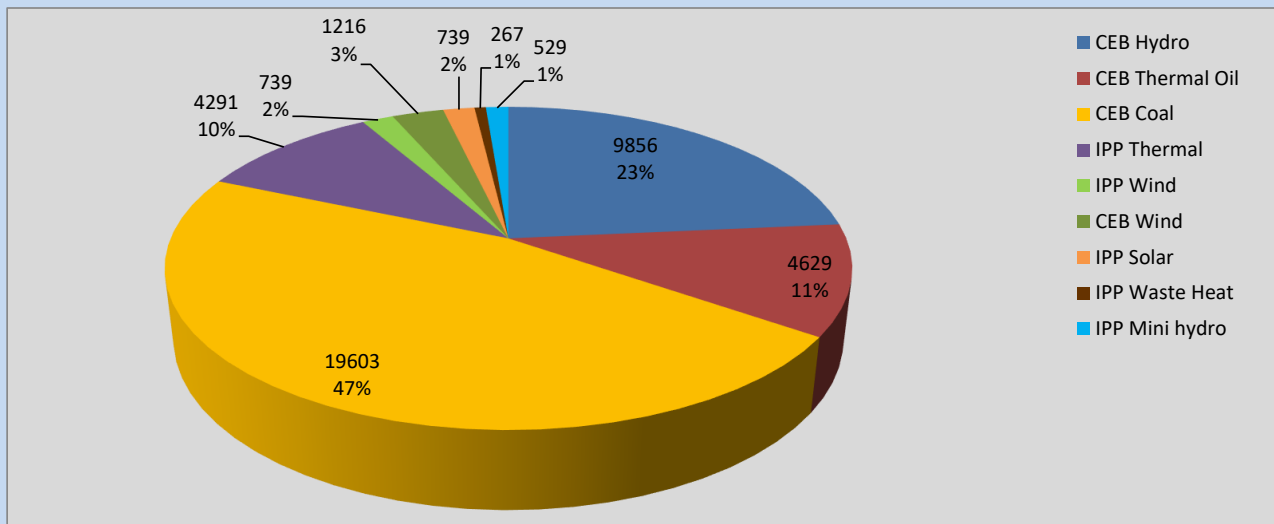
Generation and Reservoirs Statistics

March 2, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

41,301 MWh

Note: Above data is excluding contribution from Roof Top Solar, 1MW Solar and certain Mini Hydro plants

Cumulative Dispatch

Note: Following data is Excluding contribution from Roof Top Solar, 1MW solar and Mini Hydro plants

For Current Month

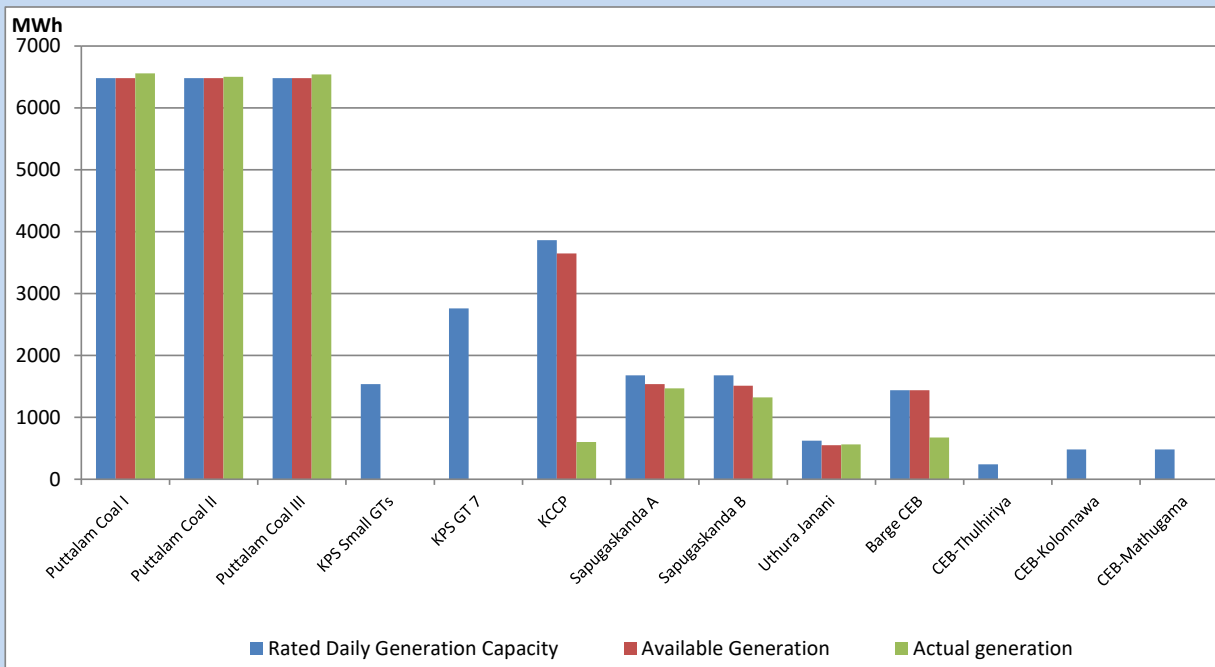
Category	Dispatch (GWh)	Percentage
CEB Hydro	20.38	23.56%
CEB Thermal Oil	7.77	8.98%
CEB Coal	39.14	45.25%
IPP Thermal	13.68	15.82%
SPP Wind	1.39	1.61%
CEB Wind	2.12	2.45%
SPP Solar	0.41	0.47%
SPP Solid Waste	0.54	0.62%
Mini Hydro	1.06	1.23%
Total	86.49	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	698.2	26.35%
CEB Thermal Oil	420.0	15.85%
CEB Coal	982.7	37.09%
IPP Thermal	405.1	15.29%
SPP Wind	29.5	1.11%
CEB Wind	36.4	1.37%
SPP Solar	15.7	0.59%
SPP Solid Waste	11.6	0.44%
Mini Hydro	50.8	1.92%
Total	2,649.7	

CEB owned Thermal Plant Dispatch

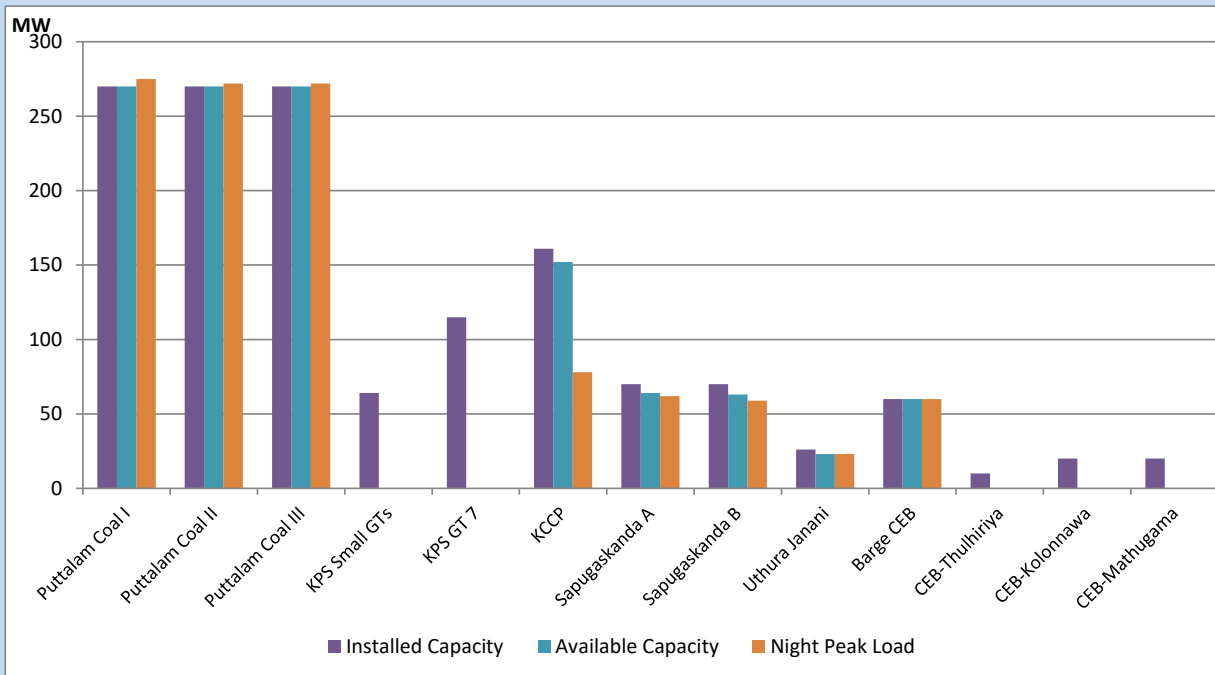
March 2, 2022



Available Generation is estimated based on plant availability at 6.00am on

March 3, 2022

CEB owned Thermal Plant Loading at the Night Peak



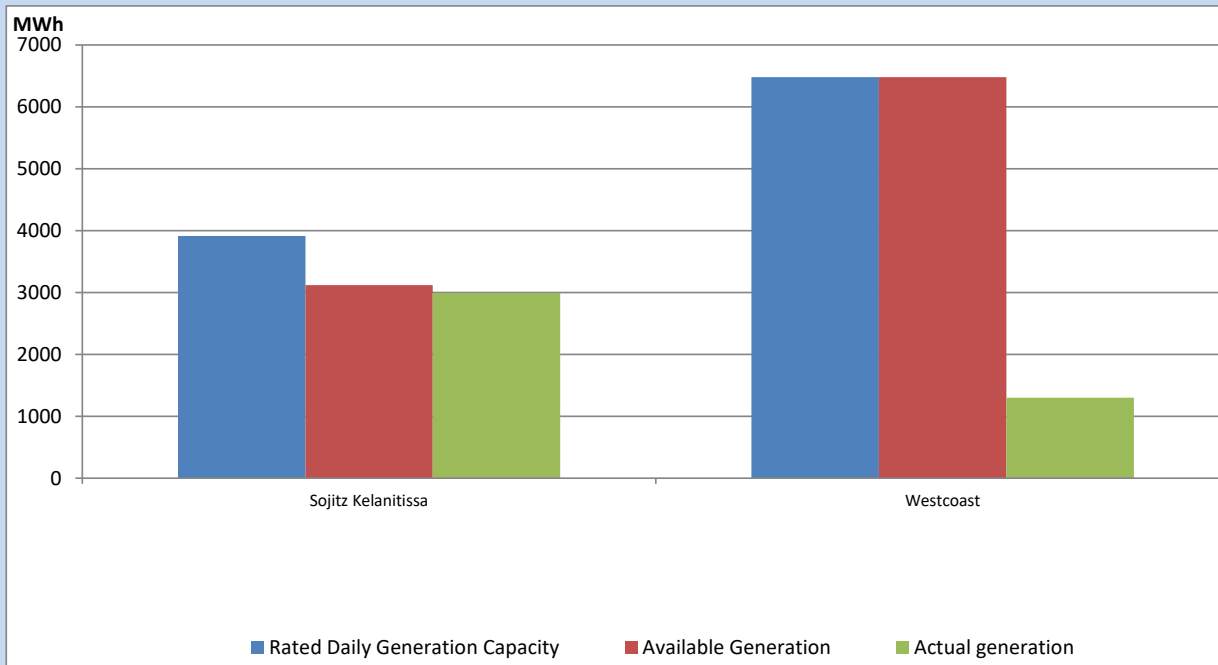
Note- Plant availability is recorded at 6.00 am on

March 3, 2022

IPP owned Thermal Plant Dispatch

March 2, 2022

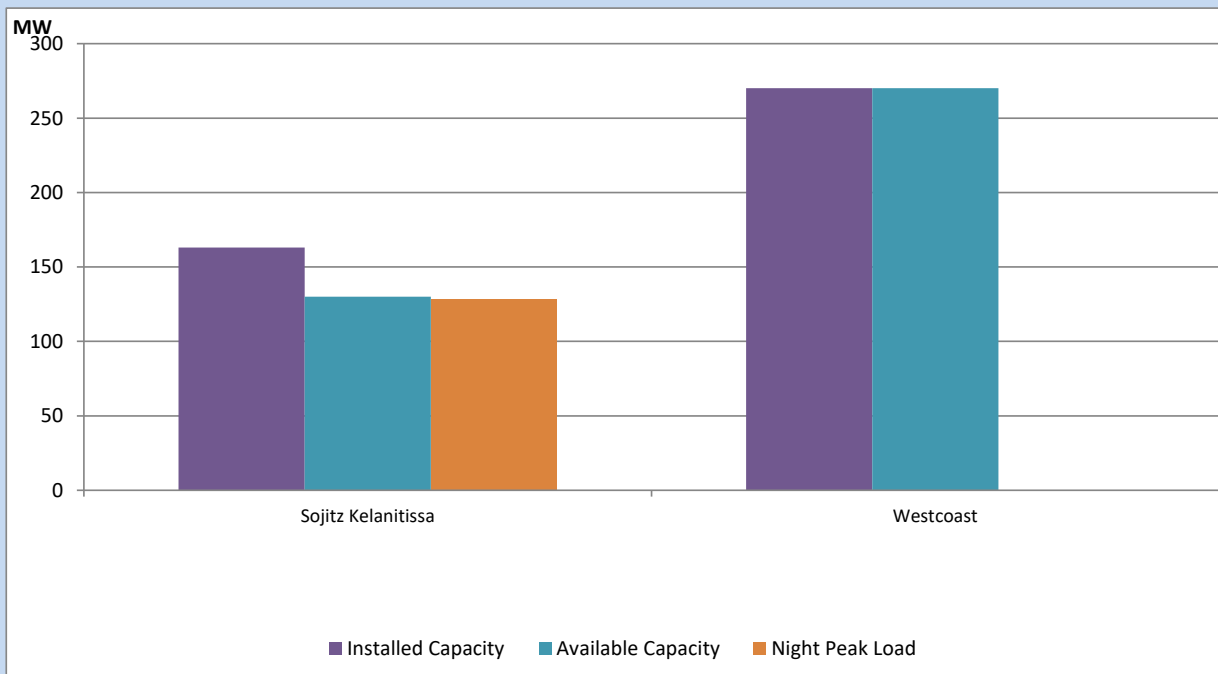
ACE Embilipitiya, ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



Available Generation is estimated based on plant availability at 6.00am on

March 3, 2022

IPP owned Thermal Plant Loading at the Night Peak

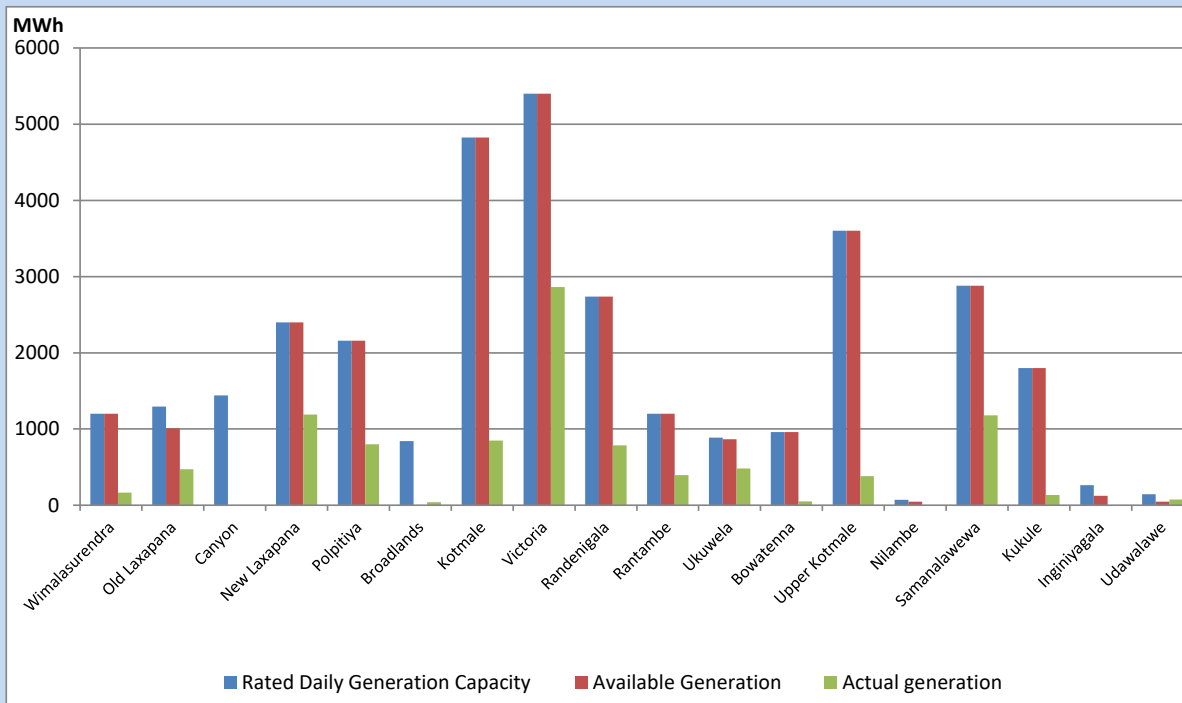


Note- Plant availability is recorded at 6.00 am on

March 3, 2022

Major Hydro Plant Dispatch

March 2, 2022

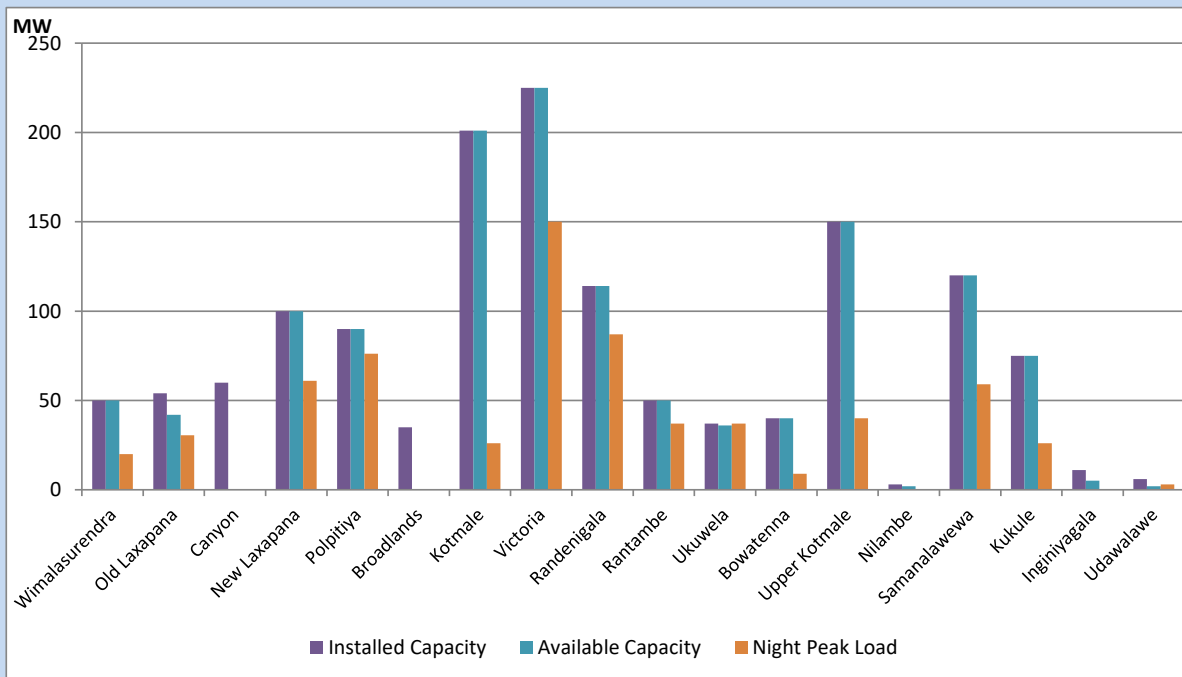


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

March 3, 2022

Major Hydro Plant Loading at Night Peak

March 2, 2022



Note- Plant availability is recorded at 6.00 am on
Broadlands power plant is operating in the Commissioning Stage

March 3, 2022

Summary of Major Plant performance

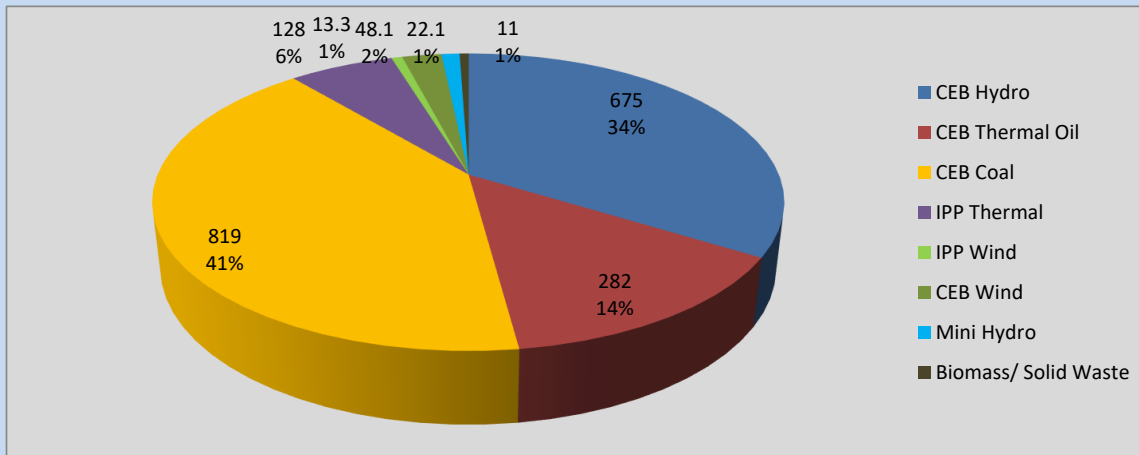
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	20	164
Old Laxapana	54	42	31	471
Canyon	60	0	0	0
New Laxapana	100	100	61	1,191
Polpitiya	90	90	76	800
Broadlands	35	0	0	41
Kotmale	201	201	26	850
Victoria	225	225	150	2,862
Randenigala	114	114	87	784
Rantambe	50	50	37	396
Ukuwela	37	36	37	481
Bowatenna	40	40	9	51
Upper Kotmale	150	150	40	381
Nilambe	3	2	0	0
Samanalawewa	120	120	59	1,178
Kukule	75	75	26	133
Inginiyagala	11	5	0	0
Udawalawe	6	2	3	73
Puttalam Coal I	270	270	275	6,560
Puttalam Coal II	270	270	272	6,502
Puttalam Coal III	270	270	272	6,541
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	152	78	600
Sapugaskanda A	70	64	62	1,468
Sapugaskanda B	70	63	59	1,323
Uthura Janani	26	23	23	562
Barge CEB	60	60	60	676
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	0	0	0
Sojitz Kelanitissa	163	130	128	2,991
West Coast	270	270	0	1,300
Total	3,280	2,874	1,985	41,301

Plant availability is the availability recorded at 6 am on

March 3, 2022

Contribution to the Night Peak in MW

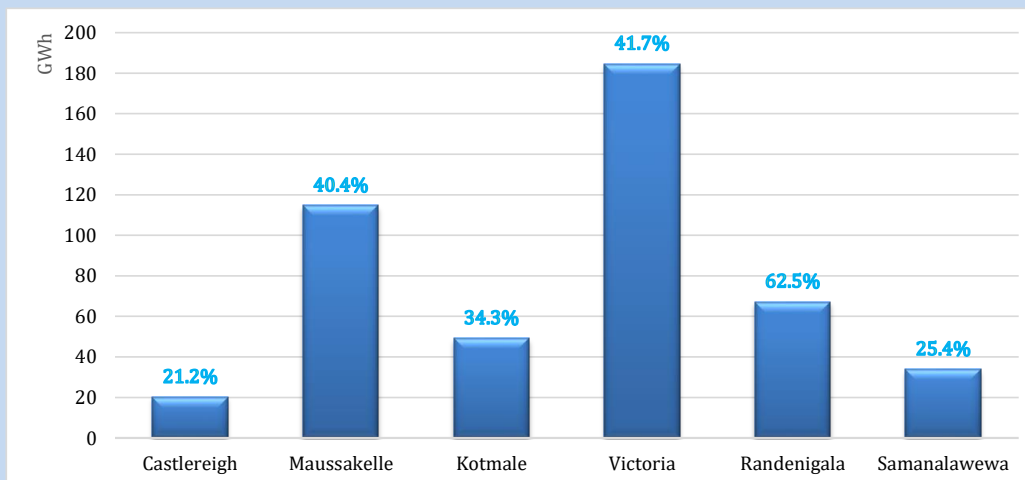
March 2, 2022



Night Peak*	1,998.2 MW
Day Peak	1,767.6 MW
Minimum Demand	1,479.7 MW

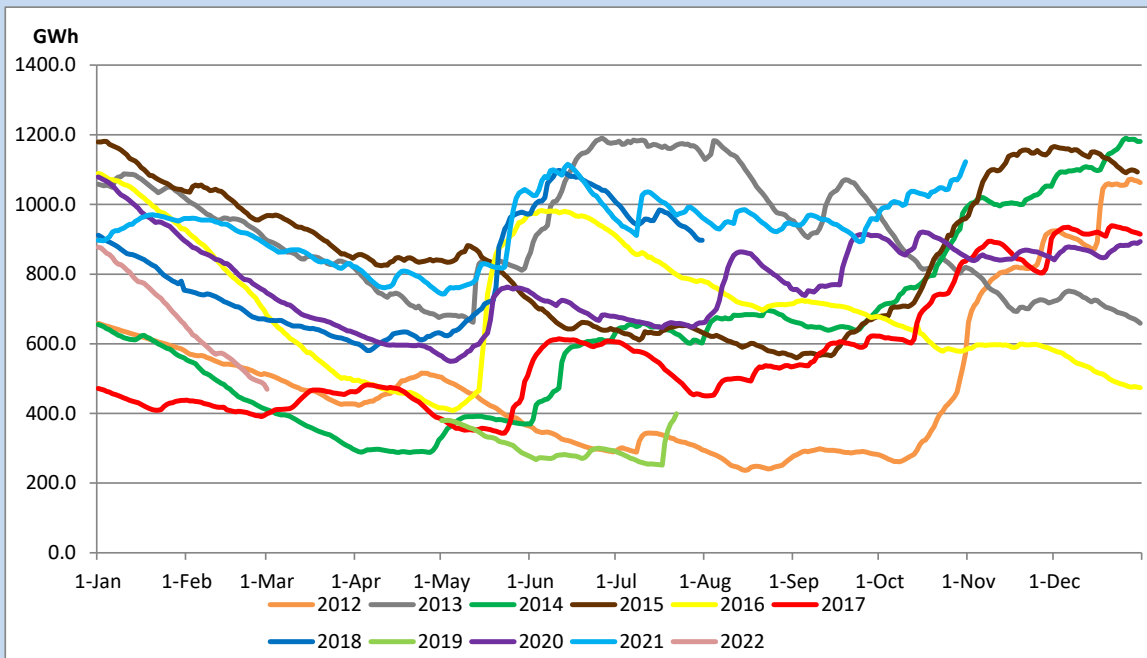
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on March 3, 2022



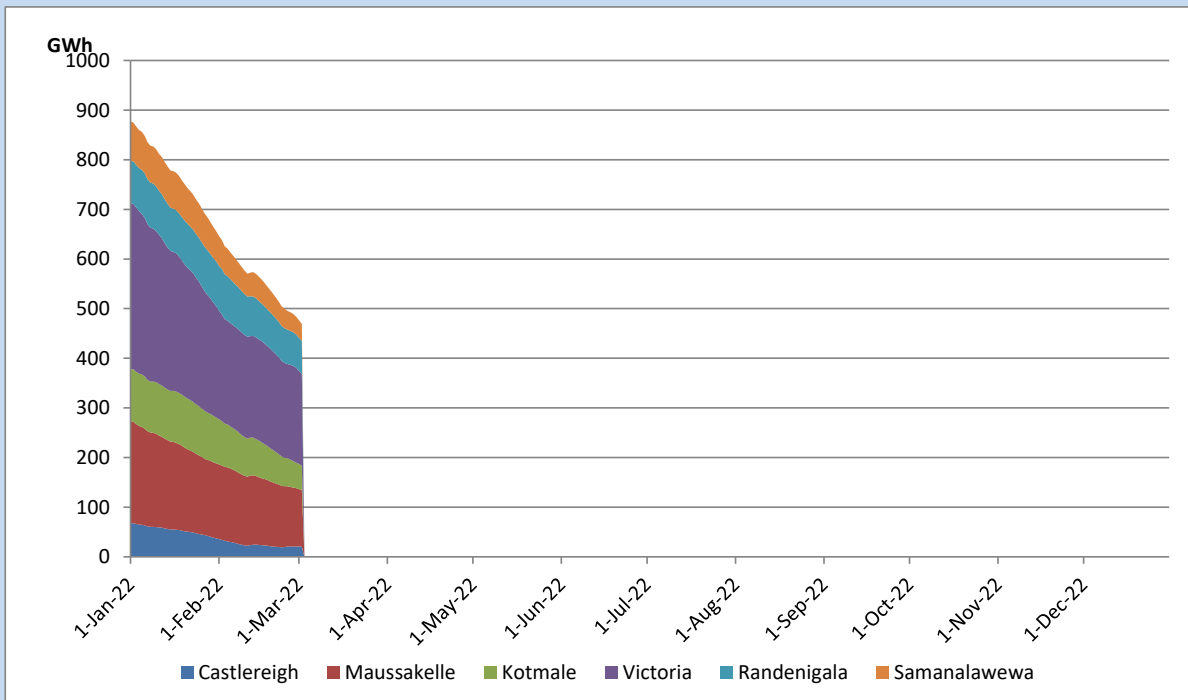
Total Reservoir Level	469.4 GWh
% of Total capacity	37.6%

Comparison of Total Reservoir Storage Levels with Past Years

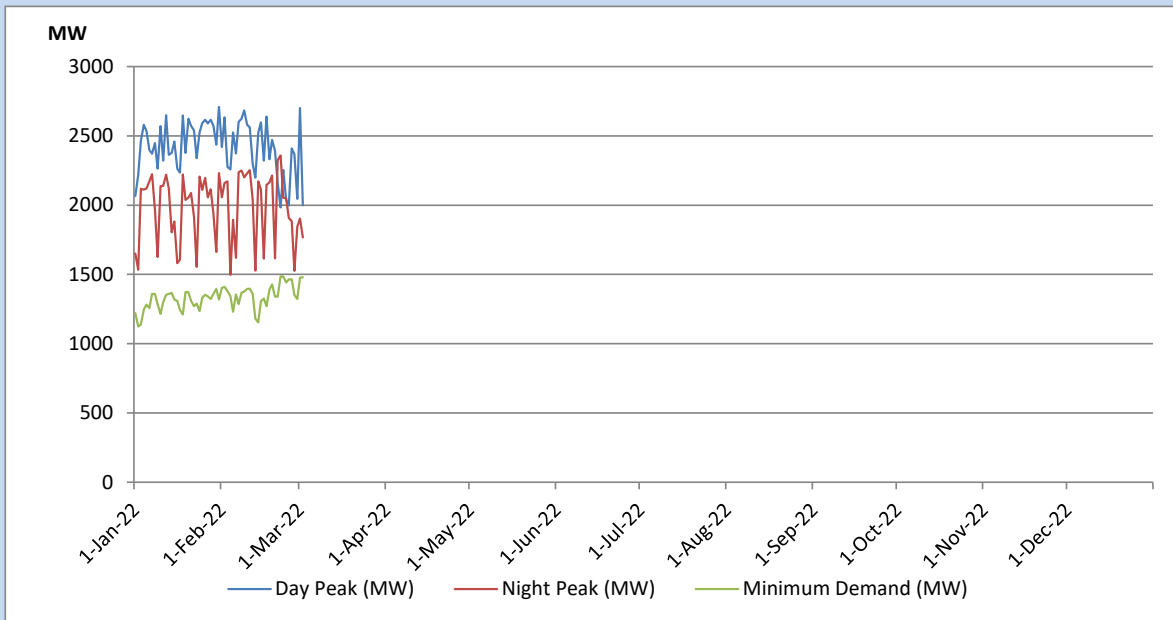


Data for 2018 and 2019 are only available for part of year.

Variation of Major Hydro Reservoir Levels in the current year (GWh)



Variation of Demand during the current year

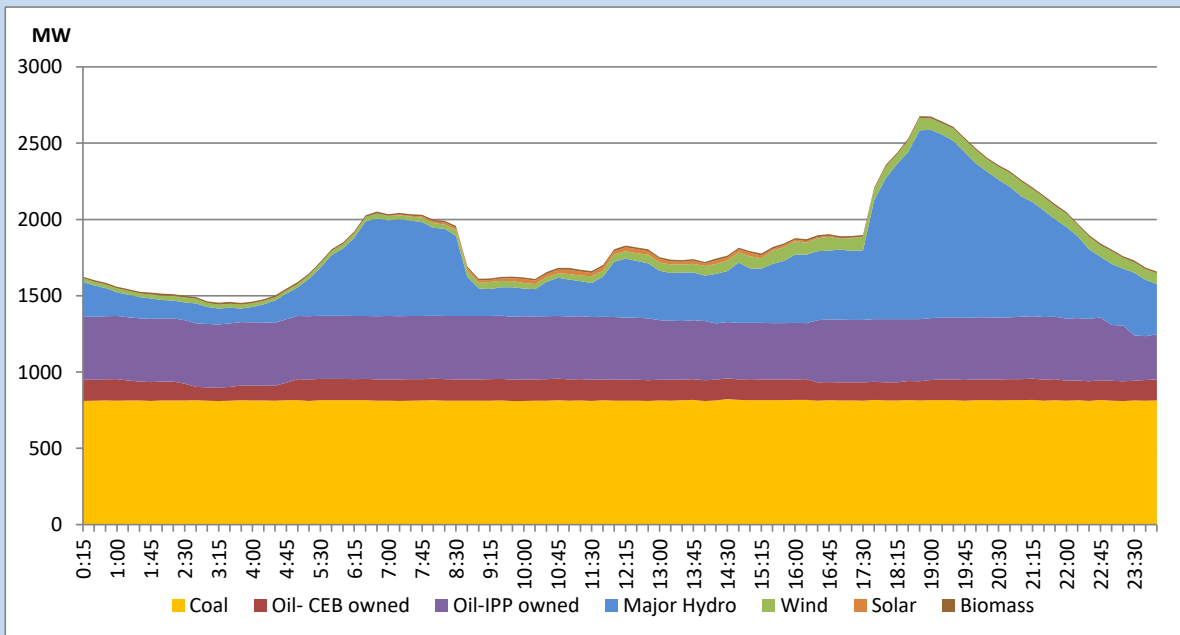


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

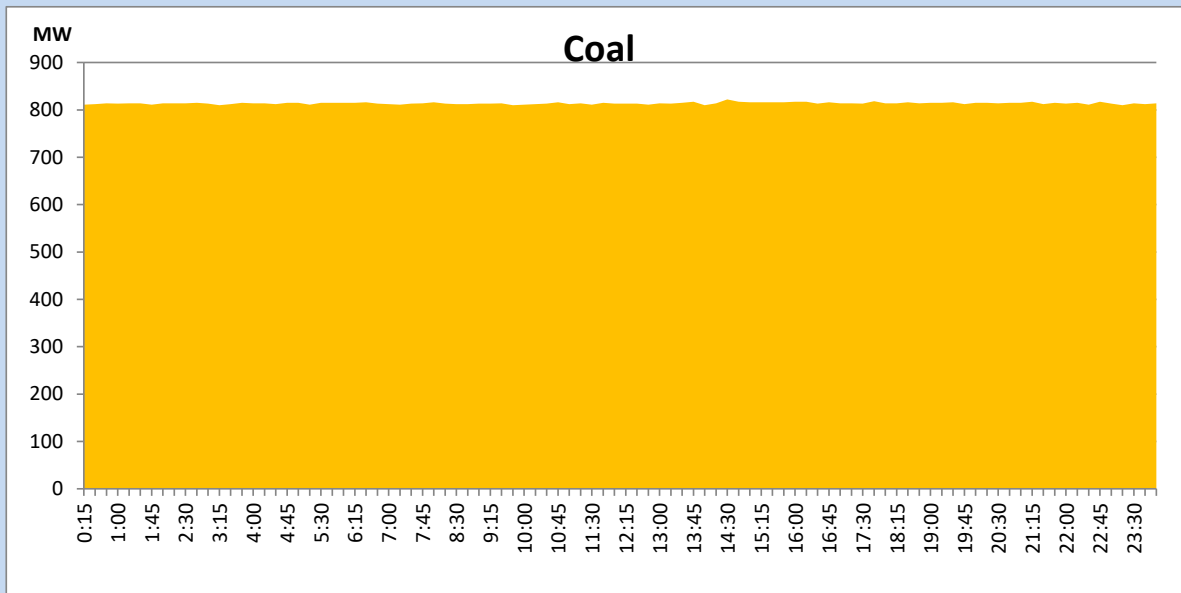
March 1, 2022

Solar and wind data is based on Telemetered Power Stations only



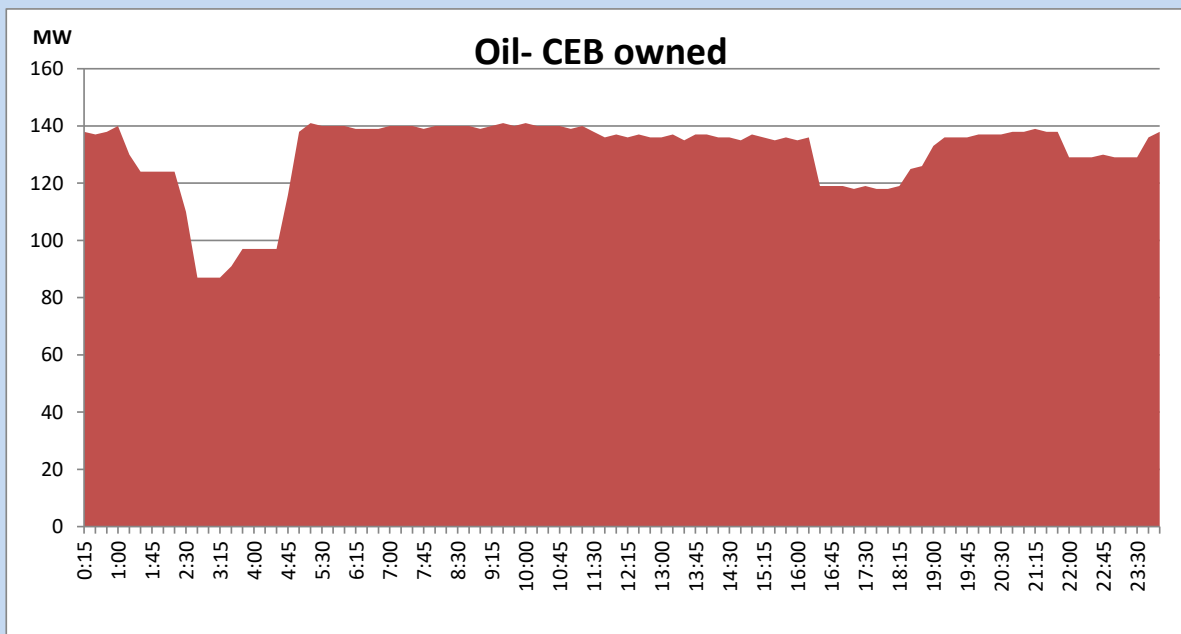
Coal Generation during the Previous day

March 1, 2022



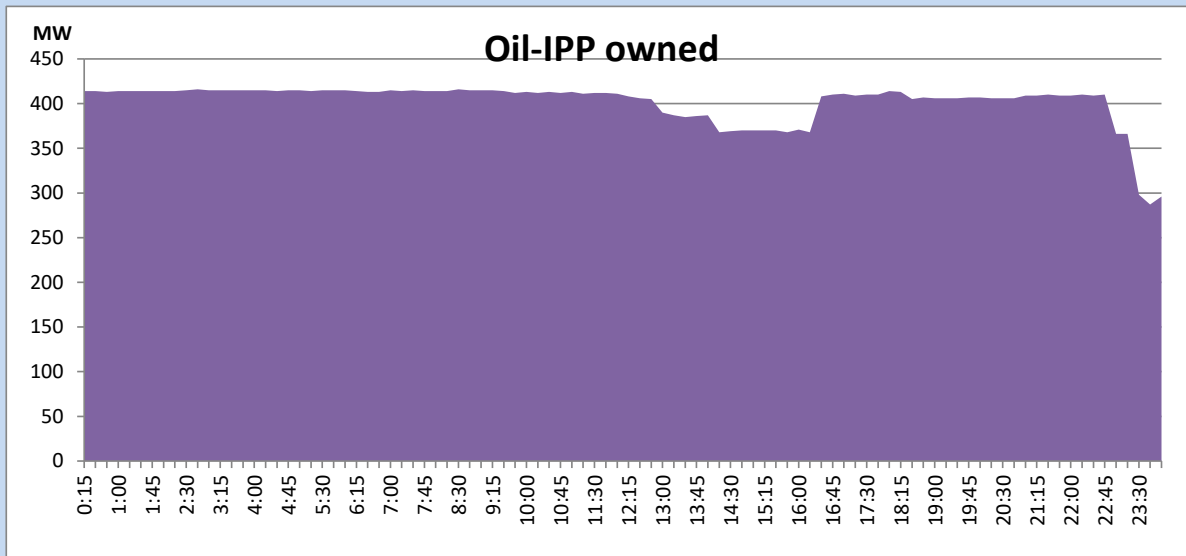
CEB Oil Plant Generation during the Previous day

March 1, 2022



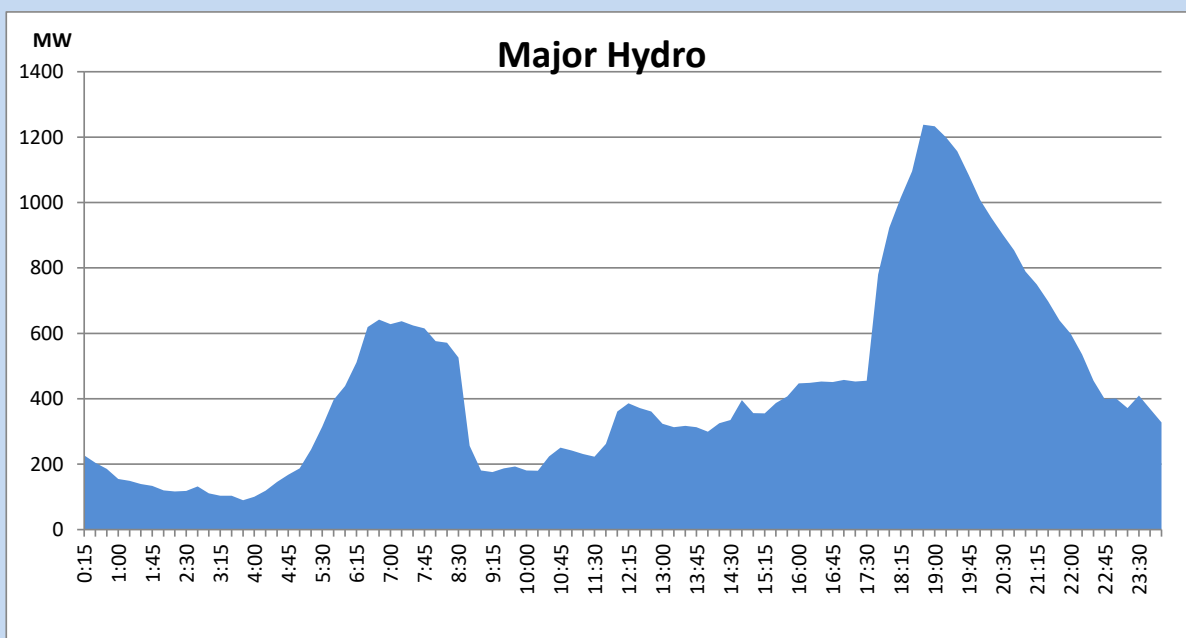
IPP Oil Plant Generation during the Previous day

March 1, 2022



Major Hydro Generation during the Previous day

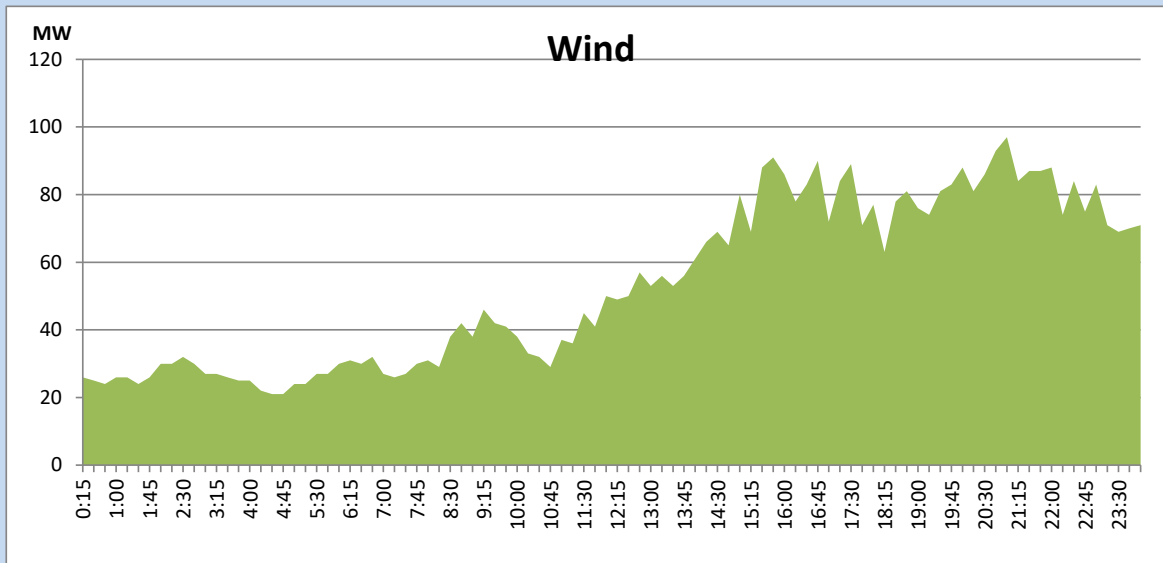
March 1, 2022



Wind Generation during the Previous day

March 1, 2022

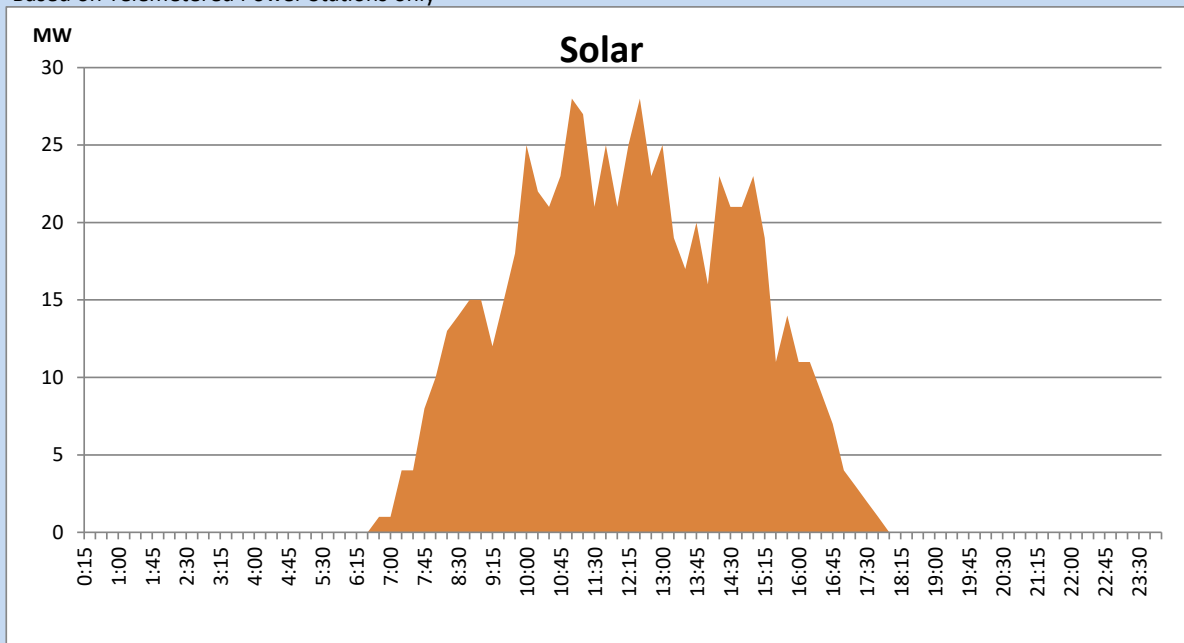
Based on Telemetered Power Stations only



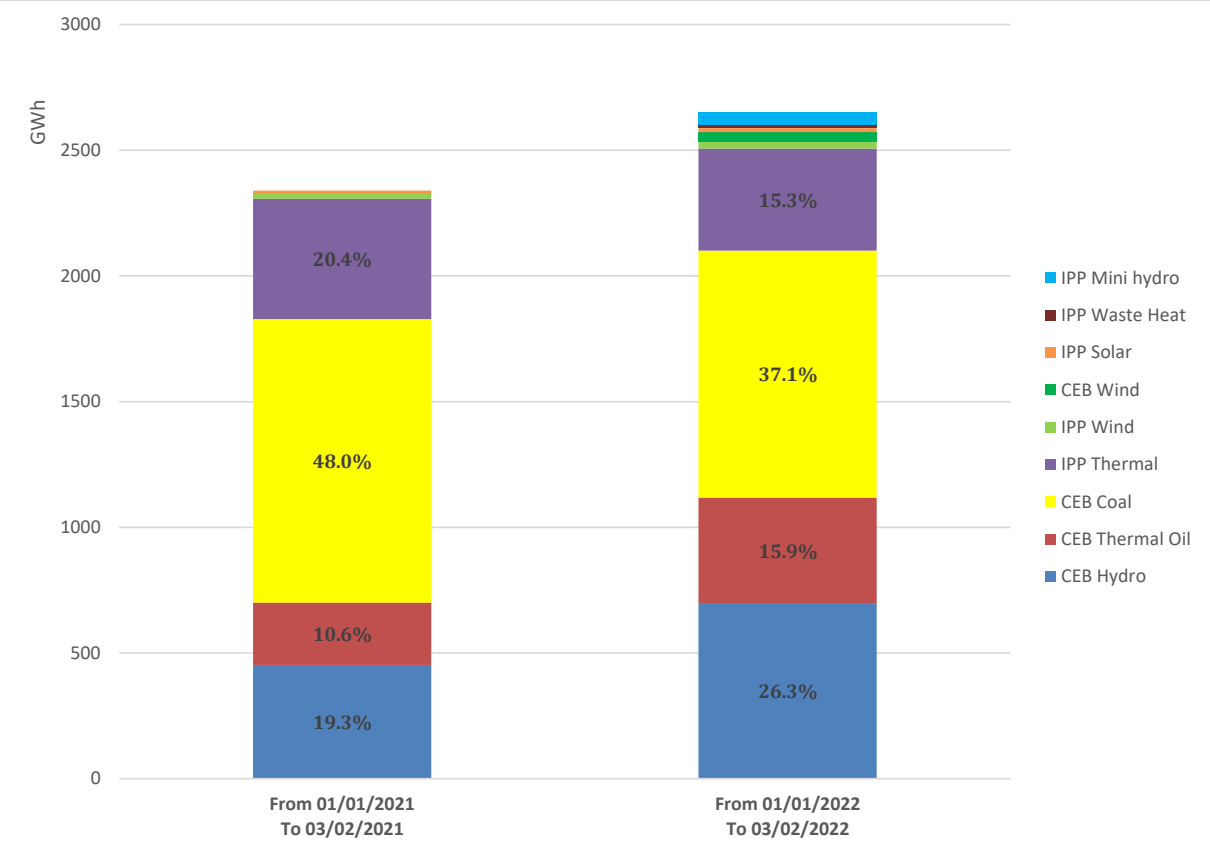
Solar Generation during the Previous day

March 1, 2022

Based on Telemetered Power Stations only



Cumulative Dispatch Comparison with Last Year



Thermal Plant Fuel types

Power Station	Primary Fuel
CEB Thermal	
Sapugaskanda 1	Heavy Fuel
Sapugaskanda 2	Heavy Fuel
Kelanitissa Small Gas Turbines	Auto Diesel
GT 7 - Kelanitissa	Auto Diesel
Kelanitissa CCY	Naphtha & Diesel
Lakvijaya 1	Coal
Lakvijaya 2	Coal
Lakvijaya 3	Coal
Uthuru Janani	Heavy Fuel
Barge CEB	Heavy Fuel

Power Station	Primary Fuel
Private Thermal	
Sojitz - Kelanitissa	Auto Diesel
West Coast	Auto Diesel

Major Incidents during the day -as reported by CEB morning of

March 3, 2022

- 1) Rotational manual load shedding was carried out from 08:00hrs to 23:00hrs .